

Tuesday–Friday  
12:30 to 3 p.m.  
April – September

# ORNL/Y-12 PUBLIC BUS TOUR



The  
U.S. Department  
of Energy's



"A History of Great Science"

Oak Ridge  
National Laboratory  
&  
Y-12 National  
Security Complex



"A History of  
National Defense"

*Register at*  
The American Museum  
of Science and Energy  
300 South Tulane Ave.  
Oak Ridge, Tennessee  
• *Tour Size Limited* •

## Oak Ridge ORNL/Y-12 Public Tour

**Unique Place in History.** Learn how the Department of Energy's (DOE) three Oak Ridge facilities were built to play a pivotal role in the World War II Manhattan Project and what important work is being accomplished today in energy research and development and to ensure our nation continues to have economic and national security.

**Available Most Weekdays.** Seasonal tour offered from 12:30 to 3 p.m., Tuesday through Friday, with parking and registration at the American Museum of Science and Energy (AMSE).

**Registration Necessary.** Sign-up at AMSE (9 a.m. to 5 p.m. weekdays, closed on Mondays). Tour size limited. Some restrictions apply.

### ***What You Will See and Learn***

***Highlights at Y-12:*** Learn about the plant's history, how calutrons were used during the Manhattan Project, why silver was borrowed from the national treasury, why modernization of facilities, processes and systems is critical to the national defense mission.

***Highlights at ORNL:*** Visit the ORNL History/Time Line Exhibit that covers the period from 1942-2000 and highlights ORNL capabilities that have spanned the entire range of scientific disciplines as the Laboratory transitioned from a wartime pilot plant to one of the world's leading research institutions. Learn about ORNL's many research and development projects that are shaping the future – longer-lasting batteries, a new generation of super cars, studies of genetic disorders and cancer, medical devices that improve our health, and energy-saving and environmental research.

***Tour of Graphite Reactor:*** Learn about the design and operating features of this National Historic Landmark. See the reactor's control and radioisotopes and experiment rooms and displays.

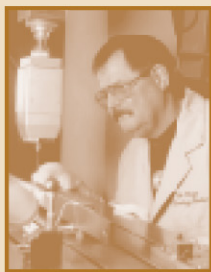
***For more information on registration and tour restrictions, please call:***  
ORNL Communications and Community Outreach, 865.574.4160; or  
AMSE, 865.576.3200

***Visit our websites:***

ORNL: <http://www.ornl.gov>

Y-12: <http://www.y12.doe.gov/visitors/>

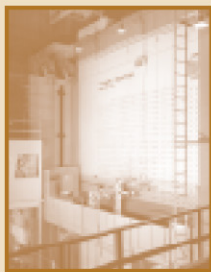
AMSE: <http://www.amse.org/amse/>



Y-12 Metrologist



ORNL Scientist



Graphite Reactor



Y-12 National Security Complex is managed by BWXT Y-12, L.L.C. for the National Nuclear Security Administration.



ORNL and AMSE are managed by UT-Battelle for the Department of Energy.